MVPL MILEPOST 51.5 CRUDE OIL RELEASE CADDO PARISH, LA CADDO LAKE WEATHER CONTINGENCY PLAN

PURPOSE:

To develop a plan to prevent / respond to the migration of crude oil into Caddo Lake during a rain event and to develop a booming plan to further protect sensitive receptor areas within Caddo Lake in the event that crude oil reaches the waters of Caddo Lake.

SUMMARY:

The Plan involves the continued use of existing boom sets, and the staging and/or deployment of additional containment/absorbent boom within Caddo Lake to prevent crude oil from reaching environmentally sensitive areas of the lake.

Existing Containment Boom

Containment and absorbent booms have been deployed at the mouth of the Tete Bayou within Caddo Lake. These booms are being continuously monitored and will remain in place throughout the remainder of the response. In the event of average rainfall, these booms will be an initial catch point for any crude oil that manages to circumvent the underflow dam network upgradient of Hereford Road. Recovery equipment such as absorbents, skimmers, boats, vacuum units, etc. will continue to be used to recover any crude oil. Some additional equipment is detailed in Attachment 1 as a preventative measure in the case of an upcoming rain event. Additional quantities of the recovery equipment per Attachment 1 will be staged and available to respond in the event of a release of crude oil into Caddo Lake.

Louisiana Department Wildlife and Fisheries (LWFD) identify birds as a sensitive receptor to crude oil and scare cannons will be used to prevent migratory and native birds from landing in oil.

In addition to the birds being a sensitive receptor, four (4) operational municipal water intakes (MWIs) were identified in Caddo Lake:

- City of Blanchard MWI #1
- City of Blanchard MWI #2
- City of Greenwood
- Oil City

The following three (3) MWI's were identified but are not currently in use:

- East Cove Utilities
- Mooringsport Water System
- East Mooringsport Water System

The following MWI was identified but due to being more than seven (7) linear miles away from the mouth of Tete Bayou, the MWI would not be expected to be impacted:

• Vivian Water System

The locations of operational MWIs are depicted on the attached aerial photo(s).

Contingency Boom Deployment:

Two days prior to an expected rain even, the following actions will be taken:

- Three additional sets of containment and absorbent boom will be deployed outside of the existing containment boom located at the mouth of Tete Bayou. (It is estimated that **4,000** feet of additional containment boom will be required for this contingency)
- Approximately **1,400** feet of containment boom and boats will be staged at boat ramps for immediate deployment to protect the four (4) operational MWIs. The attached ICS 204's have specifically identified the location of the MWIs and the boom strategies.

In the event that crude oil is not contained within the three additional boom sets, the following actions will be taken:

- Immediately notify Unified Command
- Immediately deploy boom around the mouth of Tete Bayou, and 4 MWIs as needed
- Deploy and operate scare cannons as directed by Louisiana Department Wildlife and Fisheries
- The following agencies have municipal water intakes within Caddo Lake and should be notified by Unified Command or their designee:

MWI 24hr Contacts:

Town of Blanchard-Terry Fuller (318) 996-7115 Town of Greenwood-Jim Murray (318) 936-5128 Oil City-Frank Fedd (318) 272-3543 Approved by Unified Command

Responsible Party (RP)

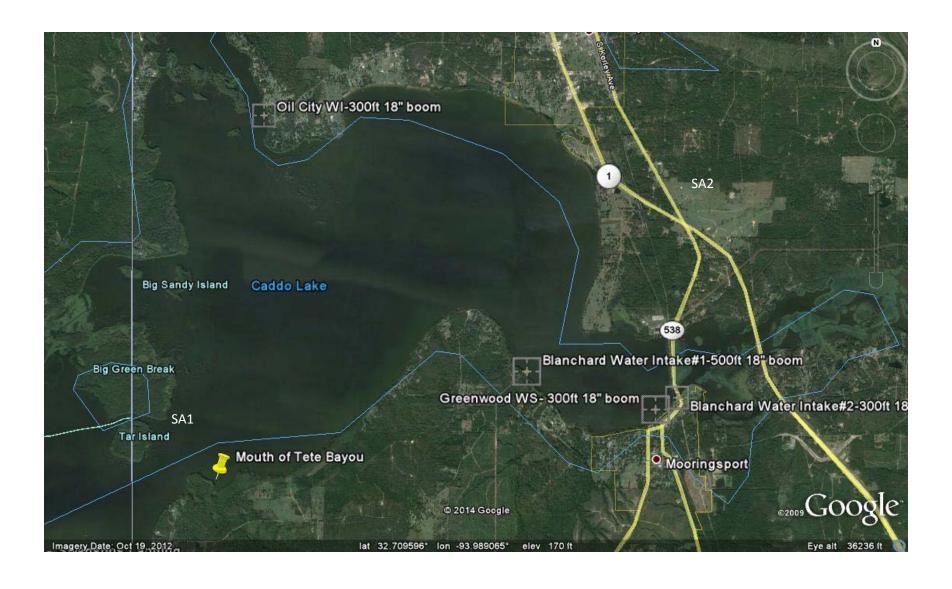
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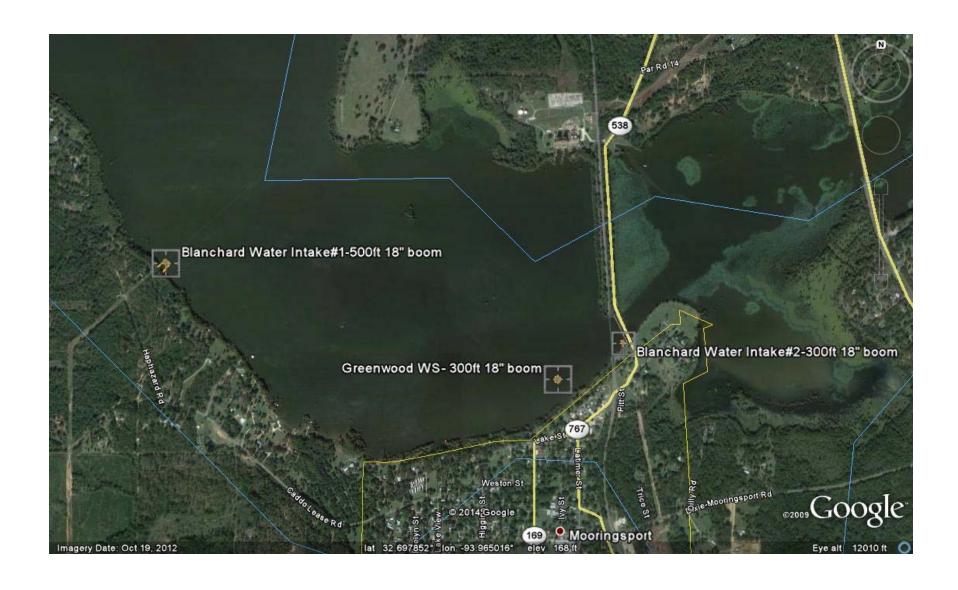
SOSC

Attachment 1

Staging and Resource List

Resource	Amount	Staging Location	Use Location
18' Boom	4,000 Feet	Anadarko	Mouth of Tete Bayou
24' John Boat	1	Boat Dock	Mouth of Tete Bayou
24' John Boat	1	OMI Yard	Mouth of Tete Bayou
Operators	4	Boat Dock	Mouth of Tete Bayou
18' Boom	1,400 Feet	Anadarko	MWI's
16' John Boats	1	Boat Dock	MWI's
16' John Boats	1	Anadarko	MWI's
Operators	4	Boat Dock	MWI's
Pirogue	10	Anadarko	As needed
Scare Cannon	10	Anadarko	As needed





1. Incident Name		2. Operationa	al Period (Dat	te/Time)		Assignment List			
Milepost 51.5 Release		, , ,			ICS 204-OS				
3. Branch		4. Division/Group Boat Task Force							
5. Operations Personnel	Name			Affiliation		Contact #(s)			
Operations Section Chief	Fred Ammons SXL					610-670-3220			
Branch Director	Neil Johns	Neil Johnson SXL				313-319-6375			
Division/Group Supervisor	Kurt Chate	lain	OMI			409-332-3103			
6. Resources Assigned This	Period				ates 204a atta	achment with special instructions	$\overline{}$		
Resource Identifier	Lea	ader	Contac	ct Info #	# or Persons	Reporting info/Notes/Remarks	₩		
18" Boom 500ft					4	Employess onsite at the boat ramp daily			
Boat 24'									
7. Assignments Protection booming of Bland	chard water i	ntake #1.							
Safety Note:									
· · · · · ·	Proper PPE i					Transaction in the second			
		10. NOAA Ch	nart #	11. TGLO Atla	as Page#	12. County			
N/A N/A 13. Site Information		N/A		N/A		Caddo Parish			
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The site has previsouly dep	ioyea boom t			Tete Bayou.	l				
16. Closest Boat Ramp 32.695144 -93.957944		17. Distance 1.2 miles	From Ramp		18. Boat Type				
19. Directions From Comman			Medium to Sr	nallow draft work boats					
19. Directions From Comman					20. Closest Airport Shreveport Regional				
Proceed porth of HMV 1	oringenort l	I A Boot doo	ak ic						
Proceed north of HWY 169 for 19 miles into Mo located on the westside prior to Lake Caddo.			Jiligsport, i	LA. Boat doc	V 12	21. Closest Helispot LSU Sciences Center			
T			os at Disk			24. Dimension of Dock			
22. Trustee/Contact Numbers EPA		Atlas Priority				24. Dimension of Book			
	, talae i nomy	, .			25. Water depth				
	N/A								
			tal·			Average Lake Depth 5 ft.			
		Environment	Containme	ent hoom		26. Current			
		Economic:				27. # of Personnel			
		250 inclinio.				211 // 61 1 6166111161			
		High				4			
28. Booming Strategy Recom	mendation	riigii				<u> </u>			
		dary boom	may be ne	cessary dep	ending on w	vind, and current conditions.			
29. Prepared By: Assignment List		30.Reveiwed by		Response Plan	31. Reviewed by	y (OSC): Project Updated:			



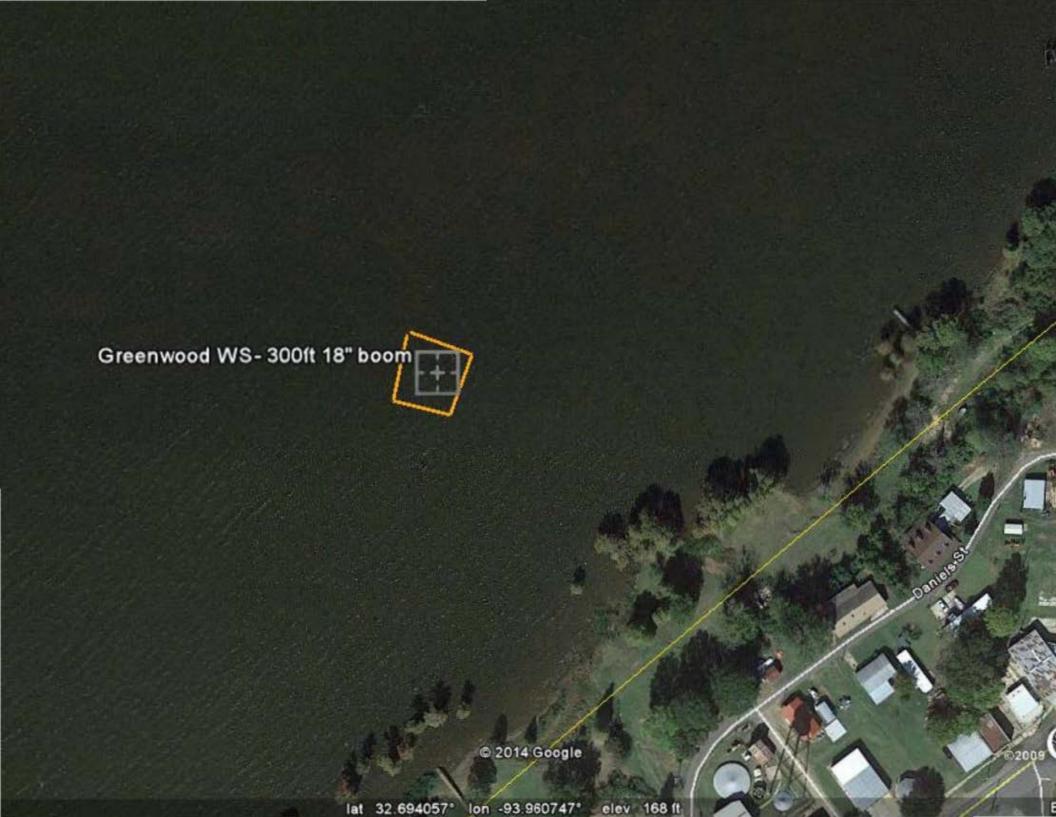


1. Incident Name	2. Operationa	al Period (Dat	e/Time)		Assignment List		
Milepost 51.5 Release				ICS 204-OS			
3. Branch	4. Division/Group Boat Task Force						
5. Operations Personnel Name			Affiliation		Contact #(s)		
Operations Section Chief Fred Amn				610-207-9945		_	
Branch Director Neil John					313-319-6375		_
Division/Group Supervisor Kurt Chat	elaın	OMI			409-332-3103		_
6. Resources Assigned This Period					achment with special instructions	$\overline{}$	_
	eader	Contac	ct Info #	# or Persons	Reporting info/Notes/Remarks		_
18" Boom 300ft Boat 24'				4	Employess onsite at the boat ramp daily	-	<u> </u> T
Boat 24						-	<u>,</u> T
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7. Assignments Protection booming of Blanchard water	intake #2. 32	.695733 -93.	957753				
Safety Note:							
Slip, trip and fall hazard. Proper PPE	is required.						
8. Site # 9. Quad Name	10. NOAA Ch	art #	11. TGLO Atla	as Page #	12. County		
N/A N/A 13. Site Information	N/A		N/A		Caddo Parish		_
13. Site information					14. Latitude 32.695733		
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16. Closest Boat Ramp	17. Distance		010 000 1110	18. Boat Type	I.		_
32.695144 -93.957944	<0.1 miles				nallow draft work boats		
19. Directions From Command Center			<u></u>		20. Closest Airport		_
					Shreveport Regional		
Proceed north of HWY 169 for 19 m	iles into Mod	oringsport, l	LA. Boat doo	ck is	21. Closest Helispot		_
located on the Westside prior to Lal					LSU Sciences Center		
22. Trustee/Contact Numbers	23. Resourc				24. Dimension of Dock		
	Atlas Priority:						
					25. Water depth		_
	N/A						
	Environment		4		Average Lake Depth 5 ft. 26. Current		_
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	Economic.	Economic:			27. # Of Personner		
	High				4		
28. Booming Strategy Recommendations	riigii				<u> </u>		_
	e. Secondar	ry boom ma	ay be necess	sary depend	ling on wind, and current conditions.		
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S 29. Prepared By:	30.Reveiwed by	(PSC):		31. Reviewed b	v (OSC):		_
Assignment List	_		Response Plan		Project Updated:		_





1. Incident Name		2. Operational Period (Date/Time)				Assignment List		
Milepost 51.5 Release					ICS 204-OS			
3. Branch		4. Division/Group Boat Task Force		roup Force				
5. Operations Personnel	Name		Affiliation			Contact #(s)		
· .	Fred Amm					610-670-3220		
	Neil Johns		SXL			313-319-6375		
Division/Group Supervisor	Kurt Chate	lain	OMI			409-332-3103		
6. Resources Assigned This P			1			achment with special instructions	$\overline{}$	
Resource Identifier	Lea	ader	Contac	ct Info #	# or Persons	. 5		
18" Boom 300ft					4	Employess onsite at the boat ramp daily	- 	
Boat 24'							_믬	
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							+	
7. Assignments								
Protection booming of the Ci	ty of Greenv	vood water ir	ntake. 32.69	4183 -93.961	1121			
Safety Note:								
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	Proper PPE i			1		1		
8. Site # 9. Quad Name		10. NOAA CI	hart #	11. TGLO Atla	as Page #	12. County		
N/A N/A 13. Site Information		N/A		N/A		Caddo Parish		
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			nouth of Tete Bayou. The water ontact is Jim Murray 318-936-5128.			-93.961121		
16. Closest Boat Ramp	OTCCTIWOOG.		From Ramp	ividitay 510 5	18. Boat Typ			
				hallow draft work boats				
19. Directions From Command Center					Woodan to O	20. Closest Airport		
						Shreveport Regional		
Proceed north of HWY 169 for	or 19 miles i	nto Moorinsr	oort. LA. Boa	t dock is locat	ted on the	21. Closest Helispot		
westside prior to Lake Caddo.		,			LSU Sciences Center			
22. Trustee/Contact Numbers		23. Resource	Resources at Risk las Priority:			24. Dimension of Dock		
		Atlas Priority						
						25. Water depth		
		N/A Environmental:						
						Average Lake Depth 5 ft.		
		Low: Man-	made struc	tures		26. Current		
		Economic:				27. # of Personnel		
		High				<u> 4</u>		
28. Booming Strategy Recomm	nendation							
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Protection booming of inte	ake. Secoi	idary boom	may be ne	cessary dep	ending on v	wind, and current conditions.		
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29. Prepared By:		30.Reveiwed b	y (PSC):		31. Reviewed b	by (OSC):		
Assignment List			, ,	Response Plan		Project Updated:		





1. Incident Name	2. Operation	nal Period (Dat	e/Time)		Assignment List			
Milepost 51.5 Release		4. Division/Group			ICS 204-OS		_	
3. Branch		Boat Task	Force					
5. Operations Personnel Nam		SXL	Affiliation		Contact #(s)			
	Ammons			610-670-3220		_		
Branch Director Neil Jo		SXL			313-319-6375		_	
	hatelain	OMI			409-332-3103		_	
6. Resources Assigned This Period		1 .			achment with special instructions	\rightarrow	_	
Resource Identifier	Leader	Contac	ct Info #	# or Persons	Reporting info/Notes/Remarks		-	
18" Boom 300ft				4	Employess onsite at the boat ramp daily	<u> </u>	ŀ	
Boat 24'						_⊨	-	
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		+				_#	-	
		1					-	
7. Assignments							-	
Protection booming of the City of Oi	I City water intak	e. 32.732875	-93.022466					
Safety Note:								
Slip, trip and fall hazard. Proper F	PPE is required.							
8. Site # 9. Quad Name	10. NOAA C	hart #	11. TGLO Atla	as Page #	12. County			
N/A N/A	N/A		N/A	_	Caddo Parish			
13. Site Information					14. Latitude		_	
					32.732875			
The water intake is located 3.4 mile	es north of the m	outh ofTete B	ayou. The wa	ater intake is	15. Longitude			
operated by City of Oil City. The 24l	nr contact is Fran	nk Fedd 318-2	272-3543.		-93.022466			
16. Closest Boat Ramp	17. Distanc	e From Ramp		18. Boat Type	9			
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19. Directions From Command Center				20. Closest Airport				
					Shreveport Regional		_	
Proceed north of HWY 169 for 19 m	sport, LA. Bo	at dock is loca	ated on the	■ · · · · · · · · · · · · · · · · · · ·				
westside prior to Lake Caddo.	Tag 5				LSU Sciences Center 24. Dimension of Dock			
22. Trustee/Contact Numbers		ces at Risk			24. Dimension of Dock			
	Atlas Priori	ty.			25. Water depth			
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	Environme	ntal:			Average Lake Depth 5 ft.			
		-made struc	turoe		26. Current			
	Economic:		tures		27. # of Personnel			
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	High				4			
28. Booming Strategy Recomendation					<u> </u>		_	
Protection booming of intake. S		n may be ne	cessary dep	ending on v	vind, and current conditions.			
S 29. Prepared By:	30.Reveiwed	hy (PSC):		31. Reveiwed b	v (OSC):		-	
Assignment List		(Geographic F	Response Plan		Project Updated:		-	





1. Incident Name	2. Operation	2. Operational Period (Date/Time)			Assignment List ICS 204-OS			
Milepost 51.5 Release 3. Branch	4. Division/Group			103 204-03		_		
3. Branch		Boat Task	Force					
5. Operations Personnel Name			Affiliation		Contact #(s)			
Operations Section Chief Fred Am		SXL			610-670-3220			
Branch Director Neil Joh	Johnson SXL				313-319-6375			
Division/Group Supervisor Kurt Cha	telain	OMI			409-332-3103		_	
6. Resources Assigned This Period					achment with special instructions	\rightarrow	_	
	_eader	Contac	ct Info #	# or Persons	Reporting info/Notes/Remarks	<u></u>	-	
18" Boom 4,000ft				4	Employess onsite at the boat ramp daily] T	
Boat 24'						_ <u></u>] =	
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7. Assignments							_	
Deployment of additional 4,000ft of bo	om at the mou	th of Tete Ba	you 32.68484	2 -94.02991	7			
Safety Note:							_	
Slip, trip and fall hazard. Proper PP	E is required.							
8. Site # 9. Quad Name	10. NOAA C	hart #	11. TGLO Atla	ac Pago #	12. County		_	
N/A N/A	N/A	IIdIL#	N/A	is raye #	Caddo Parish			
13. Site Information	1.47.		1.47.		14. Latitude		-	
					32.684842			
					15. Longitude			
Т					-94.029917			
16. Closest Boat Ramp	17. Distance	e From Ramp		18. Boat Type	e			
32.695144 -93.957944	4.2 miles			Medium to Sh	nallow draft work boats			
19. Directions From Command Center				20. Closest Airport				
				Shreveport Regional				
Proceed north of HWY 169 for 19	oringsport,	LA. Boat doo	ck is	21. Closest Helispot				
located on the westside prior to La					LSU Sciences Center 24. Dimension of Dock			
22. Trustee/Contact Numbers	23. Resource				24. Dimension of Dock			
EPA	Atlas Priorit	.y.			25. Water depth		_	
	N/A				25. Water depth		_	
	Environmer	ntal:			Average Lake Depth 5 ft.			
			t boom prior	to lake	26. Current			
	Economic:	containinen	t boom phor	to lake,	27. # of Personnel			
	High				4			
28. Booming Strategy Recommendation								
Protection booming of the mouth of	f Tete Bayou	l .						
							_	
29. Prepared By:	30.Reveiwed b	by (PSC):		31. Reviewed b	by (OSC):		-	
Assignment List			Response Plan		Project Updated:			



